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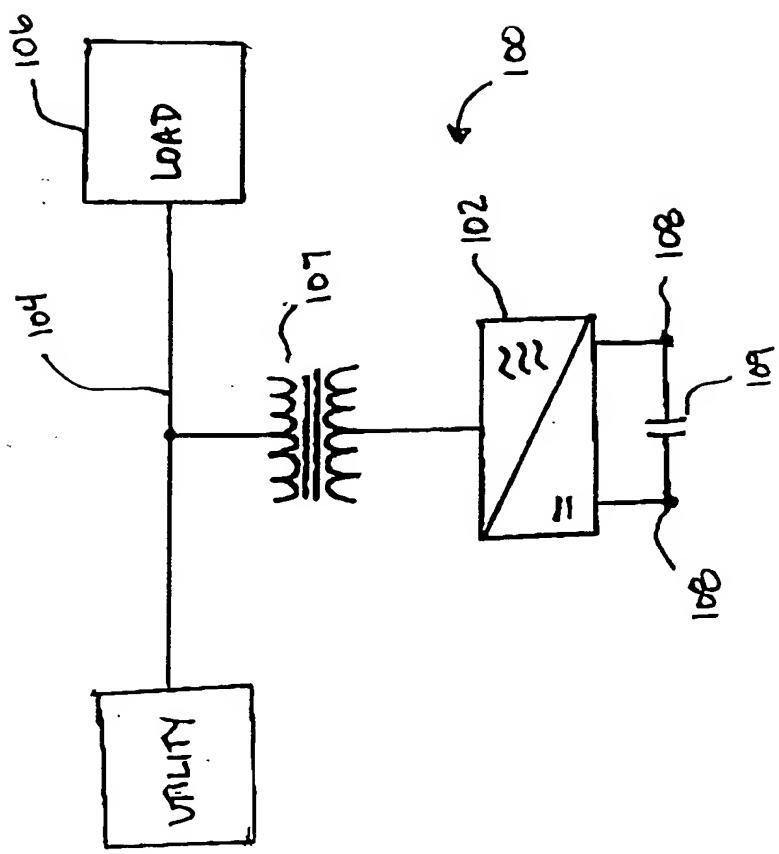
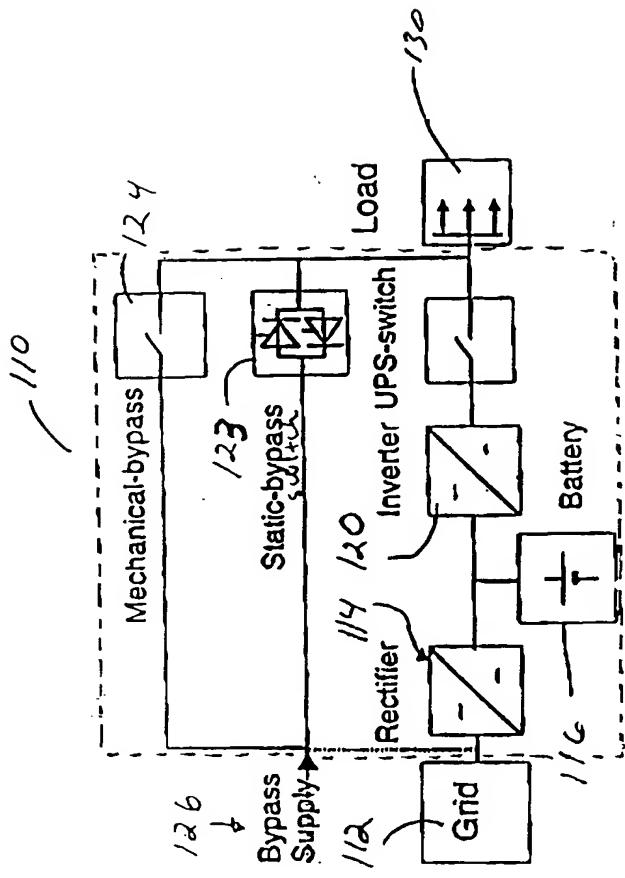


FIG. 1A

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F16. 1B

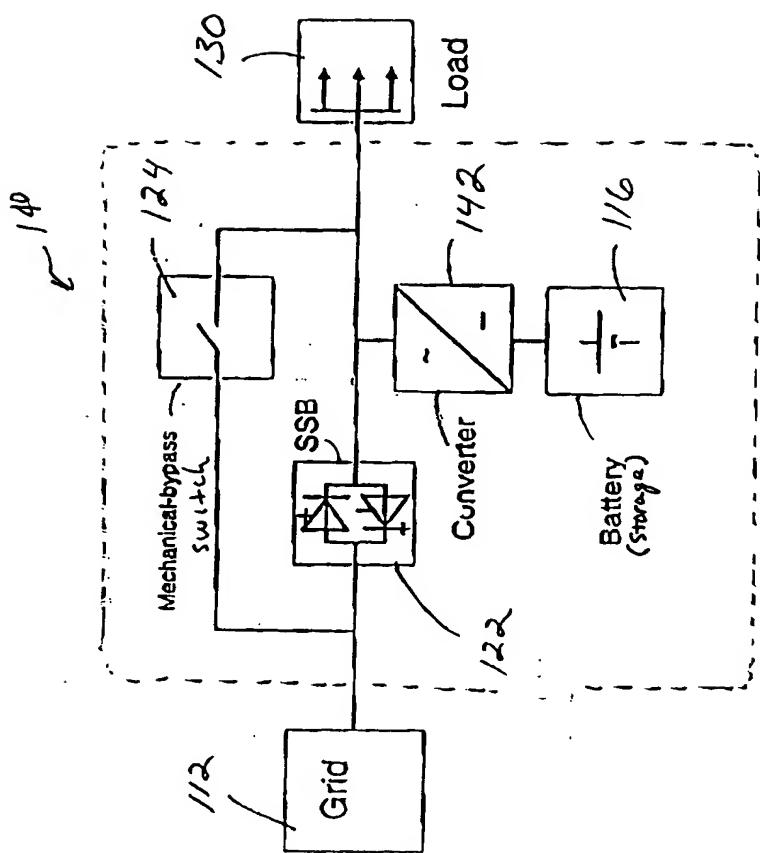
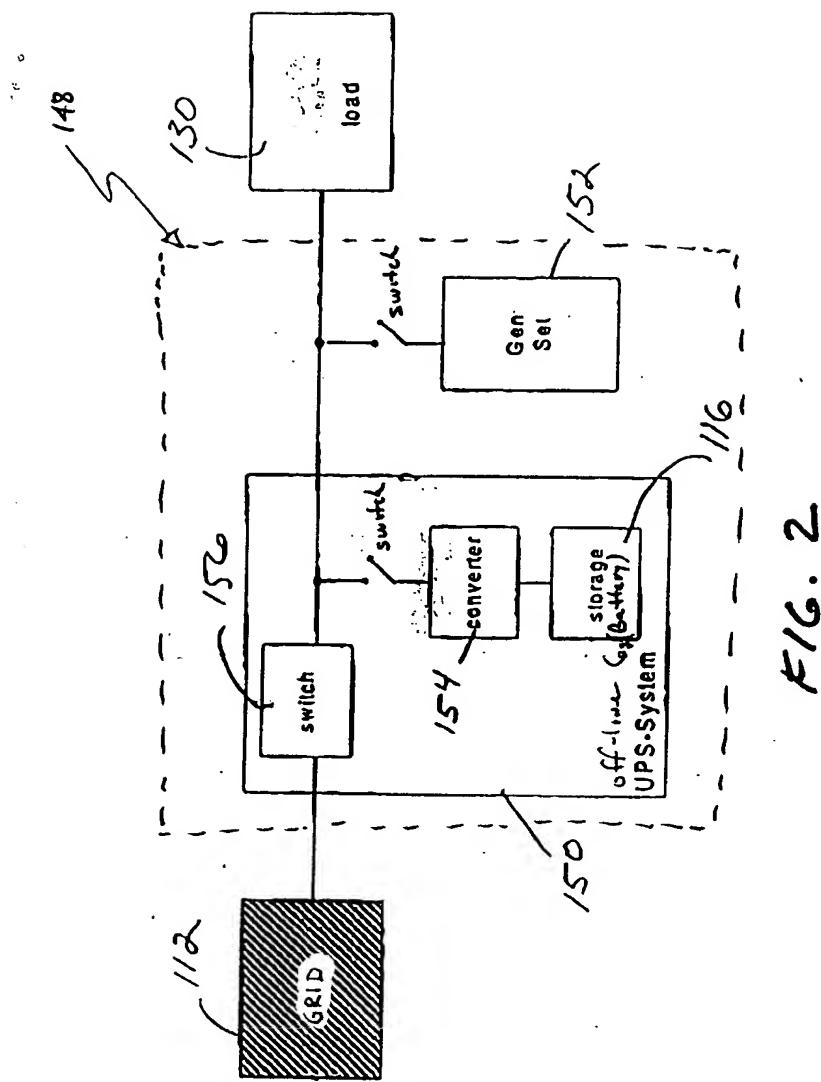


FIG. 1C

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F16. 2

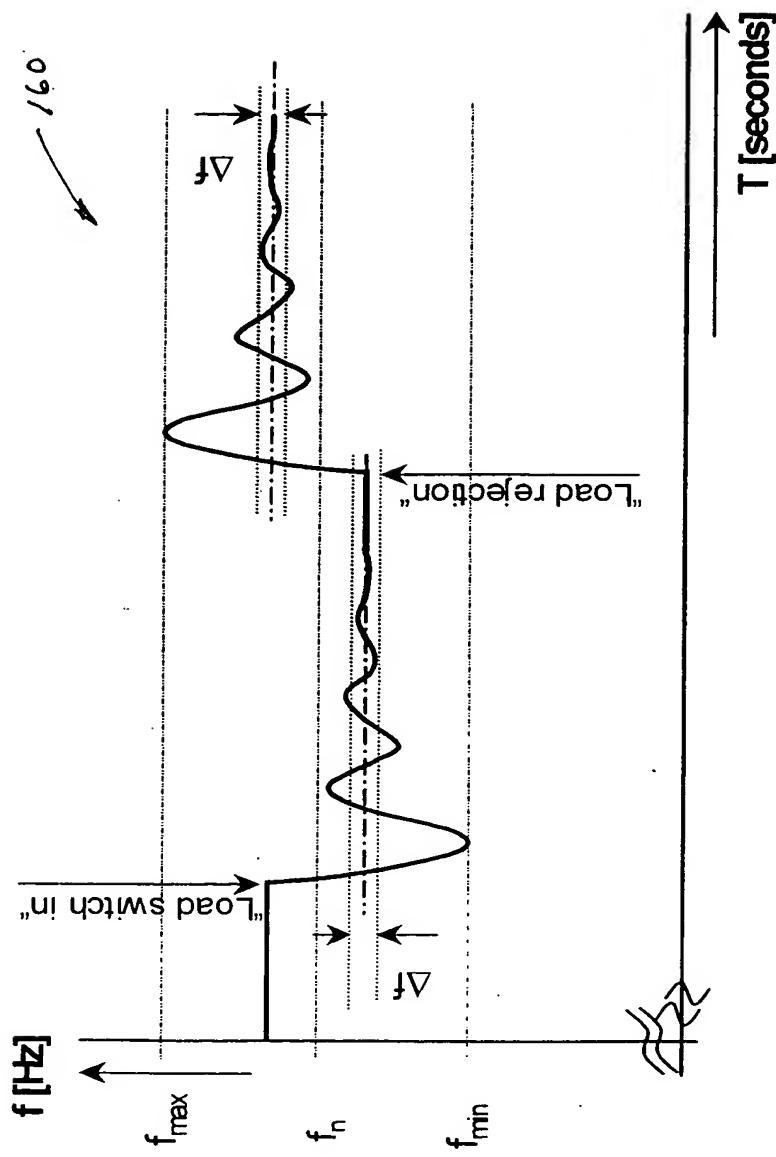


FIG. 3

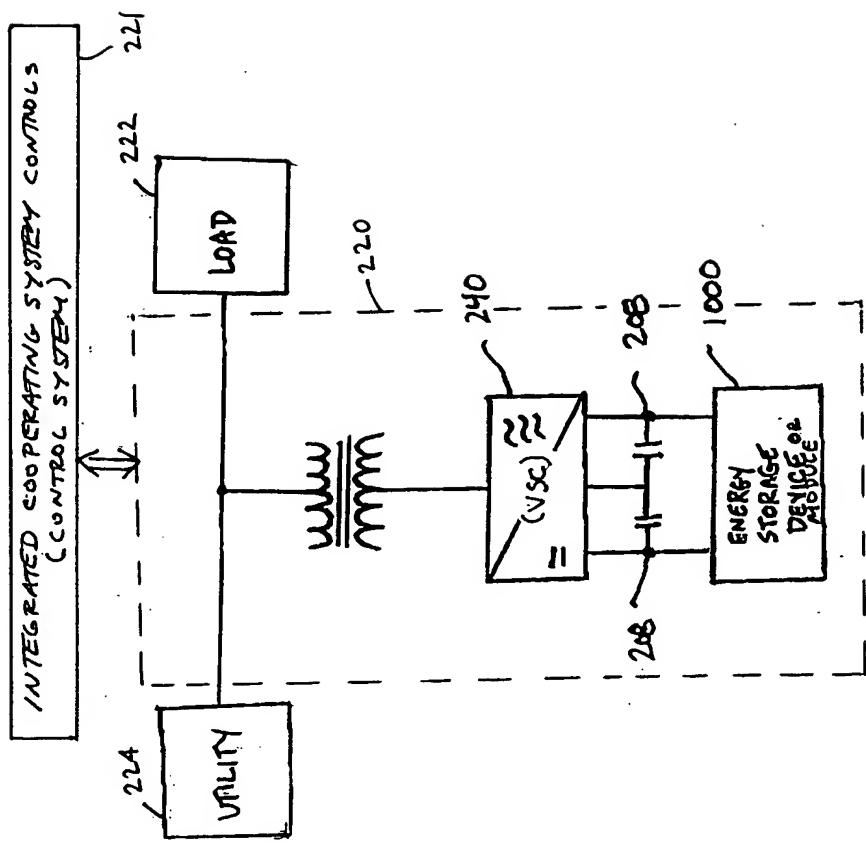


FIG. 4A

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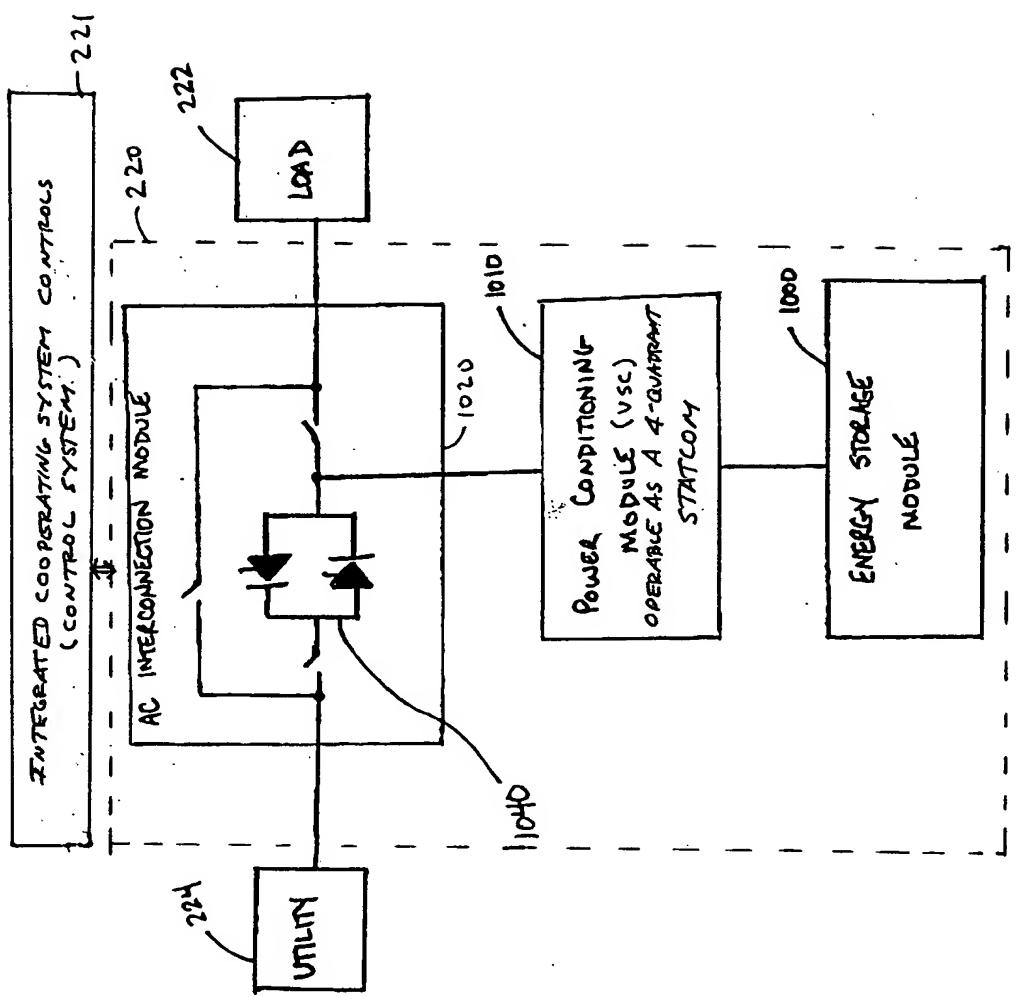


FIG. 4B

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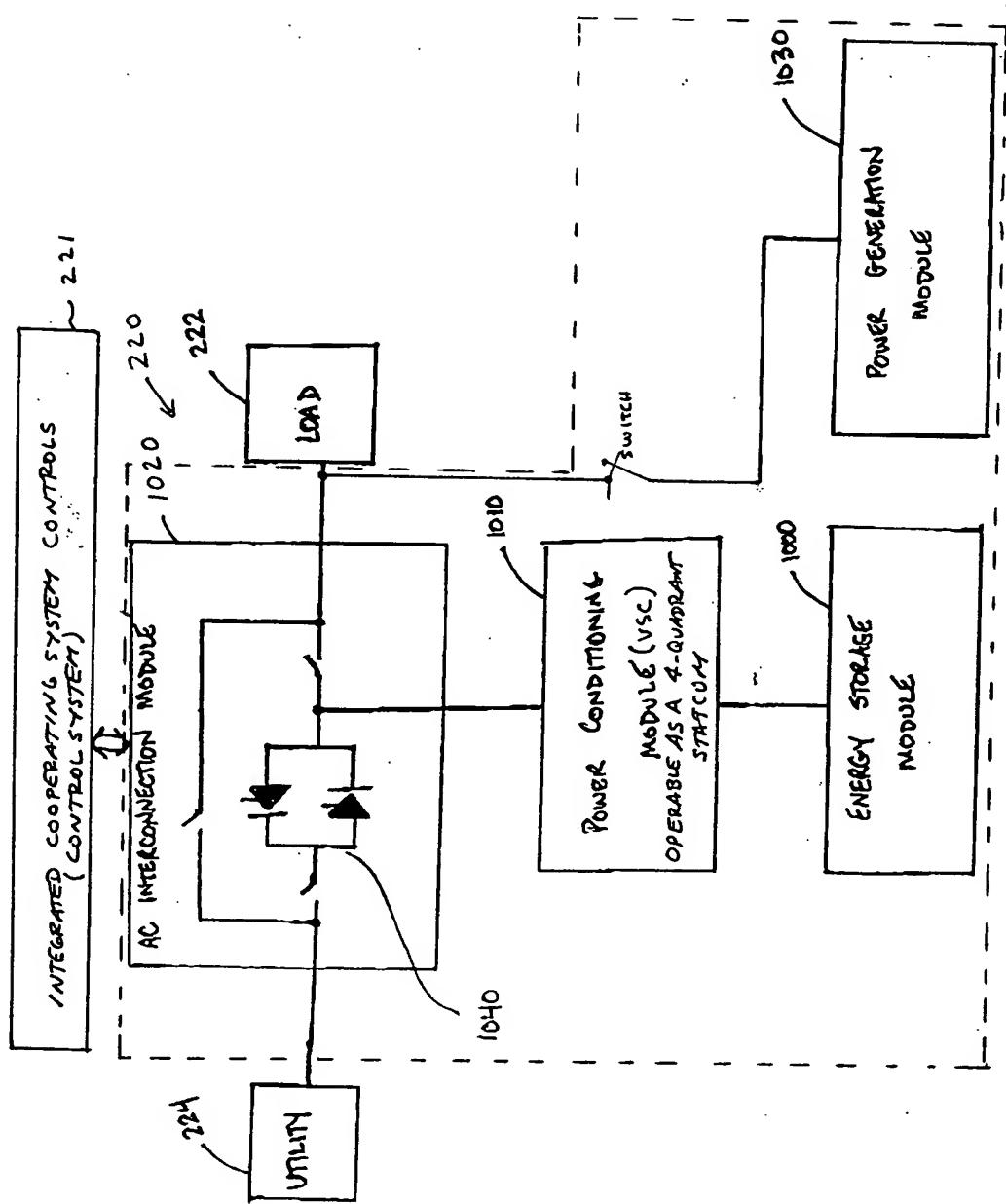


FIG. 4C

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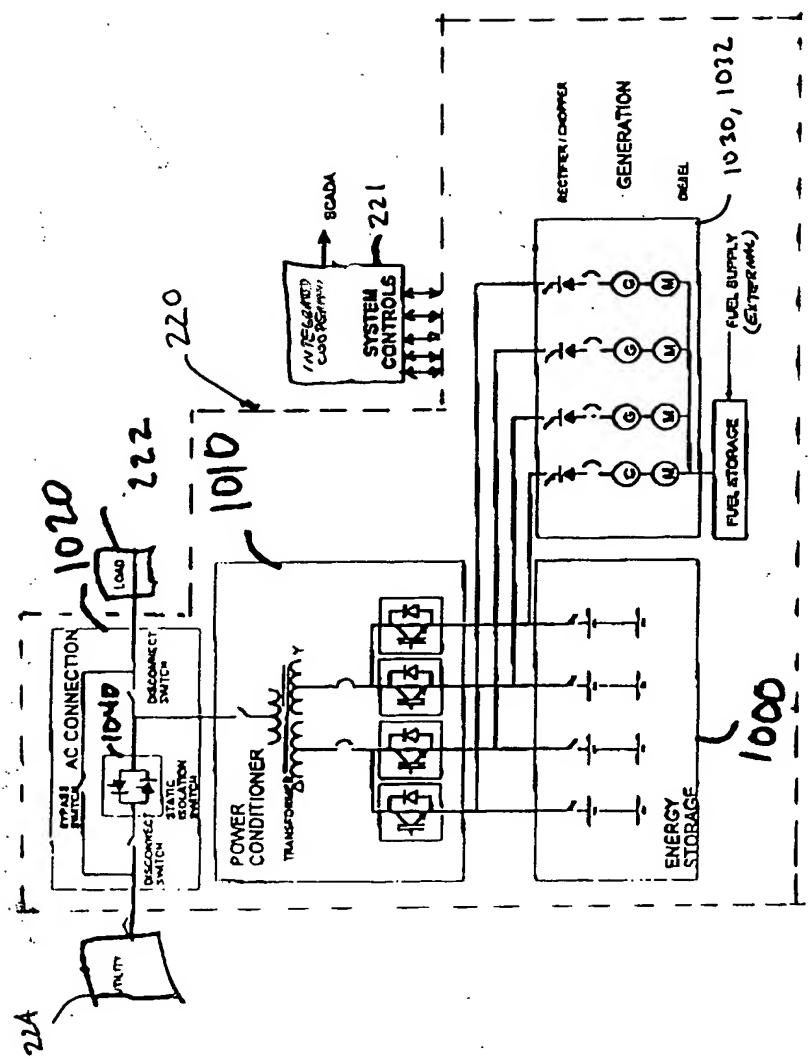


FIG. 5

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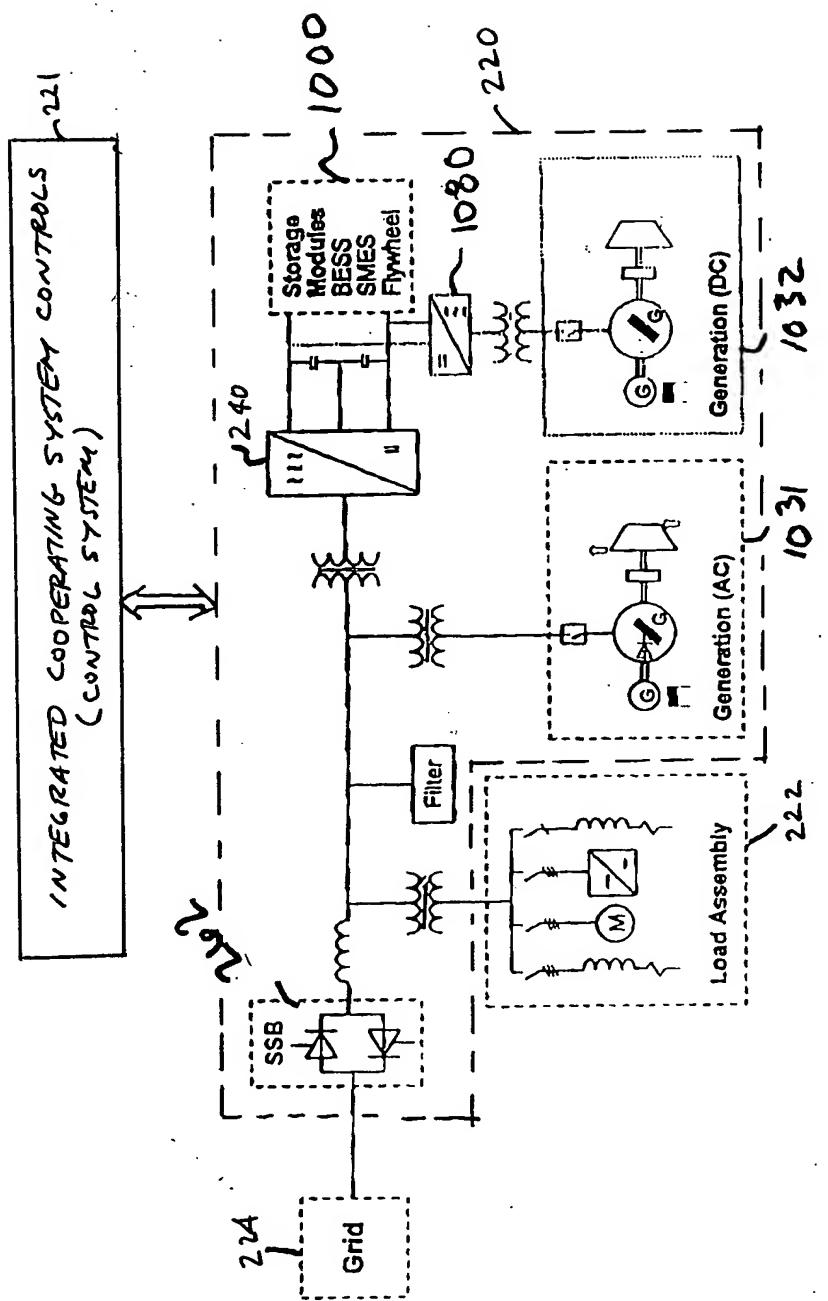


FIG. 6

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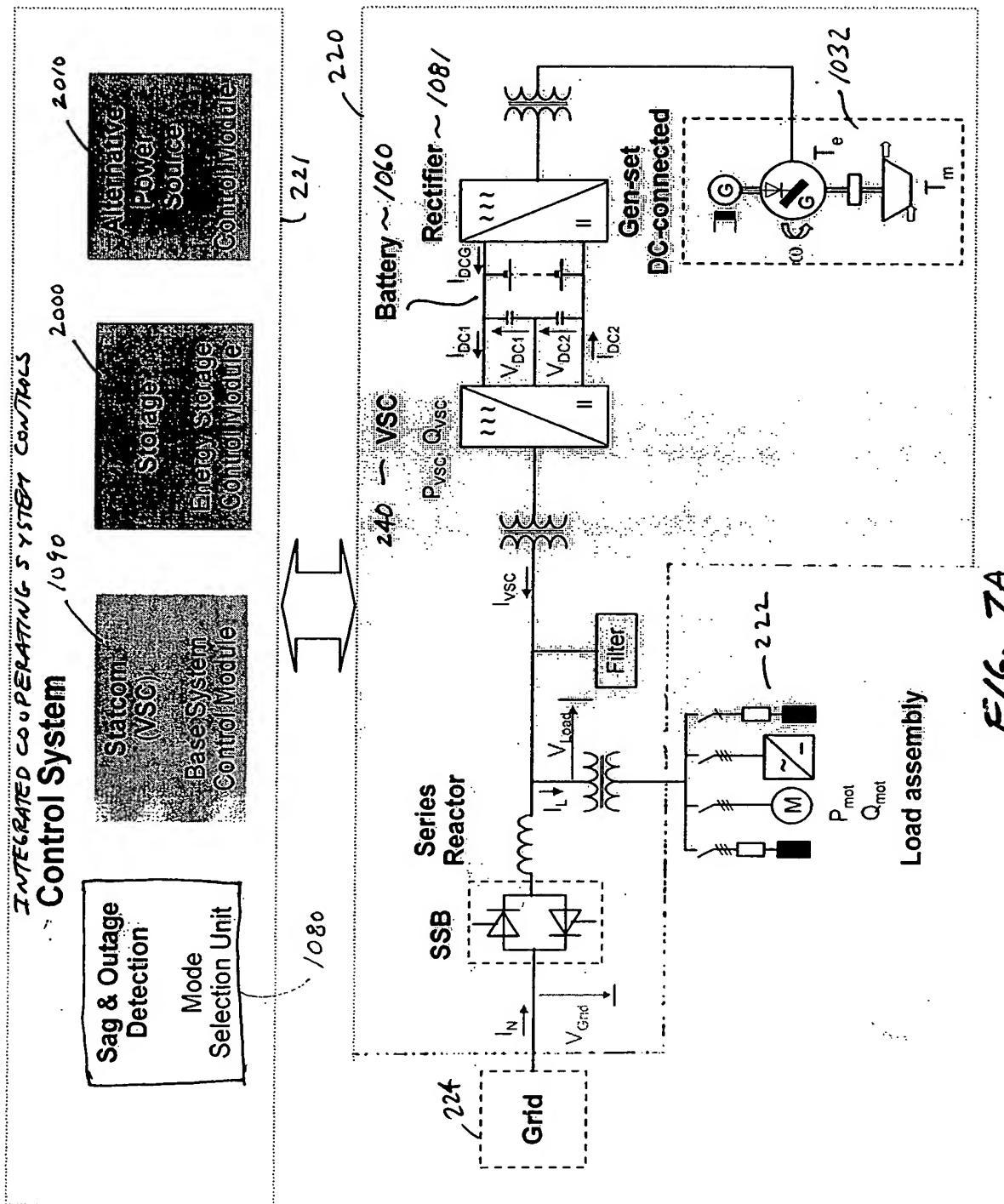


FIG. 7A

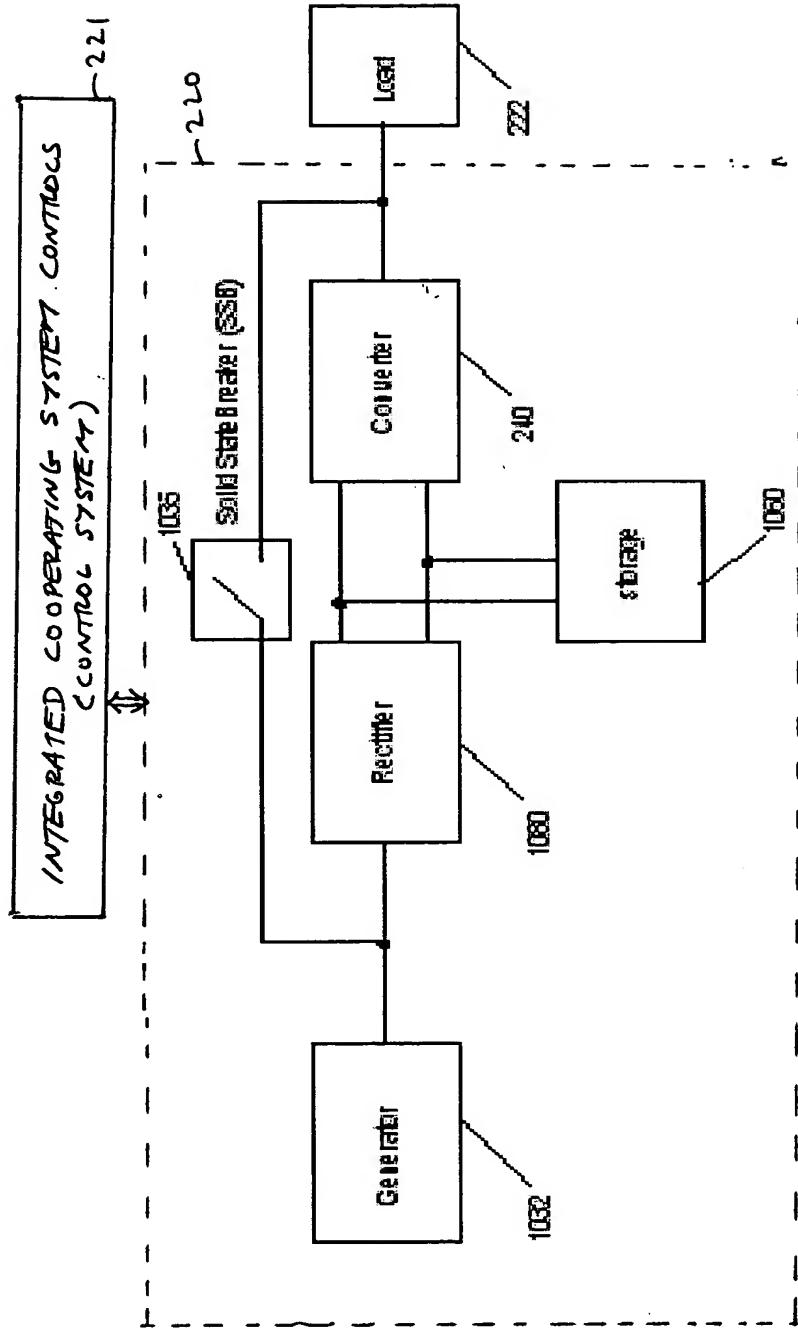


FIG. 7B

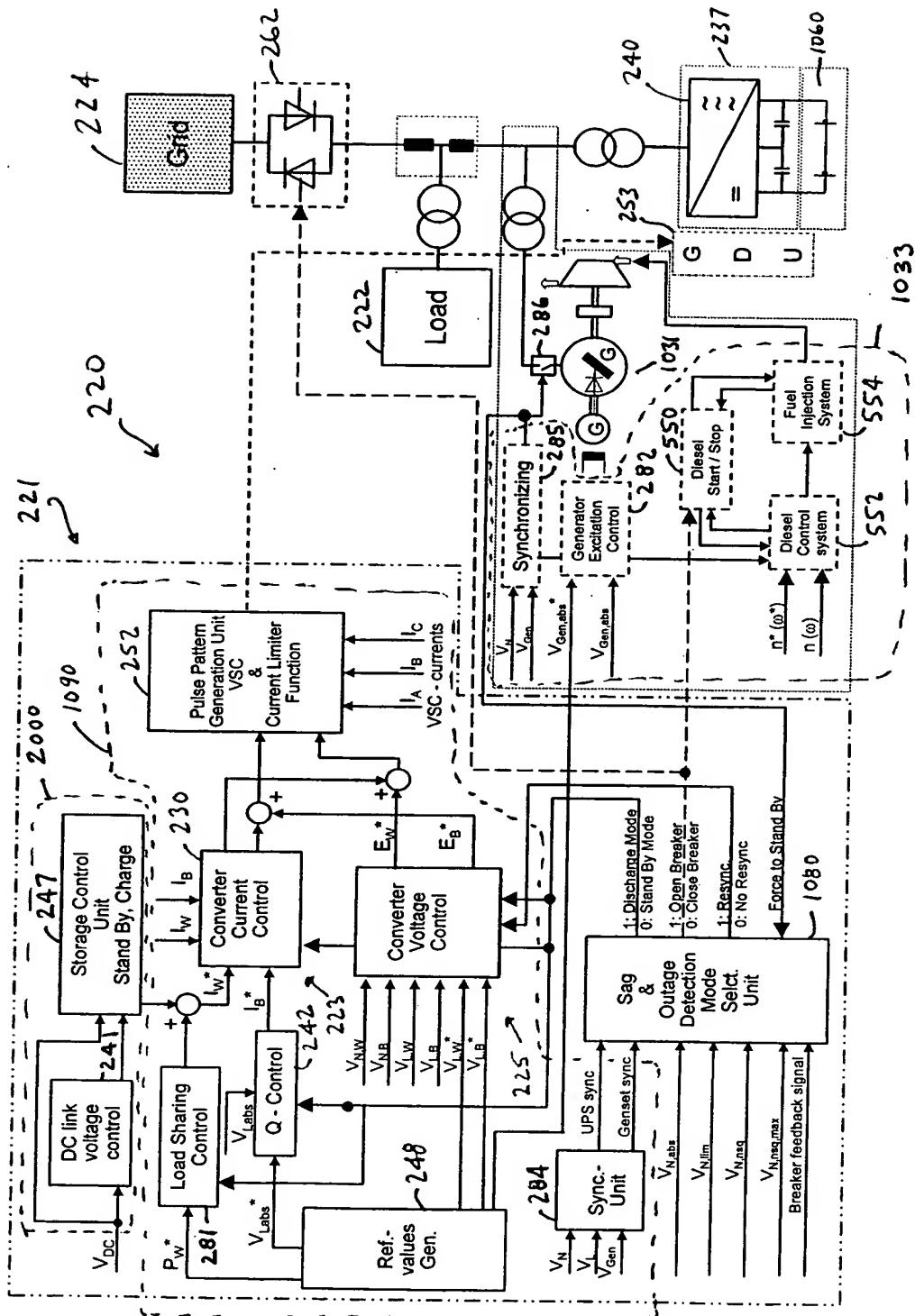


FIG. 8A

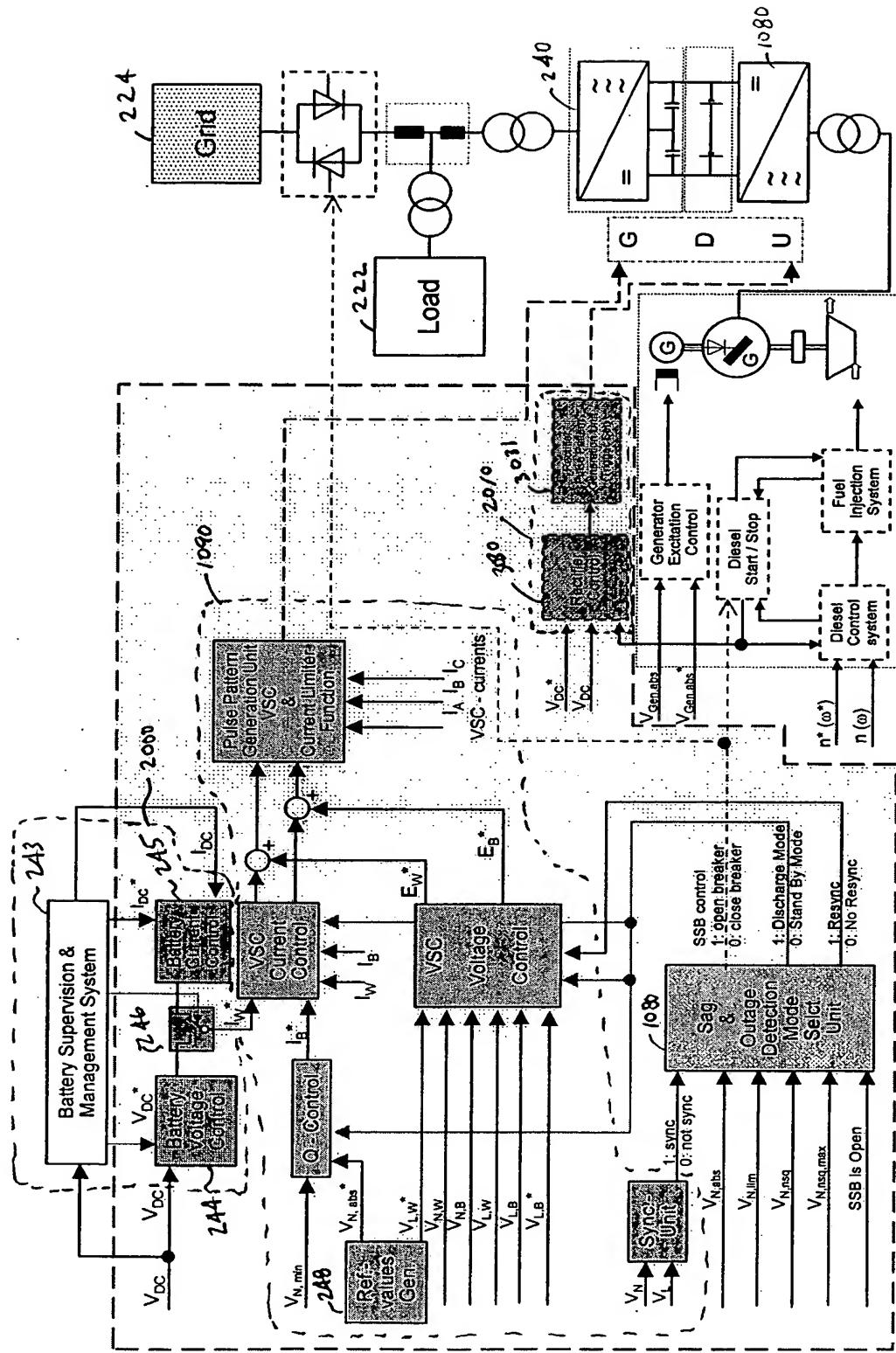
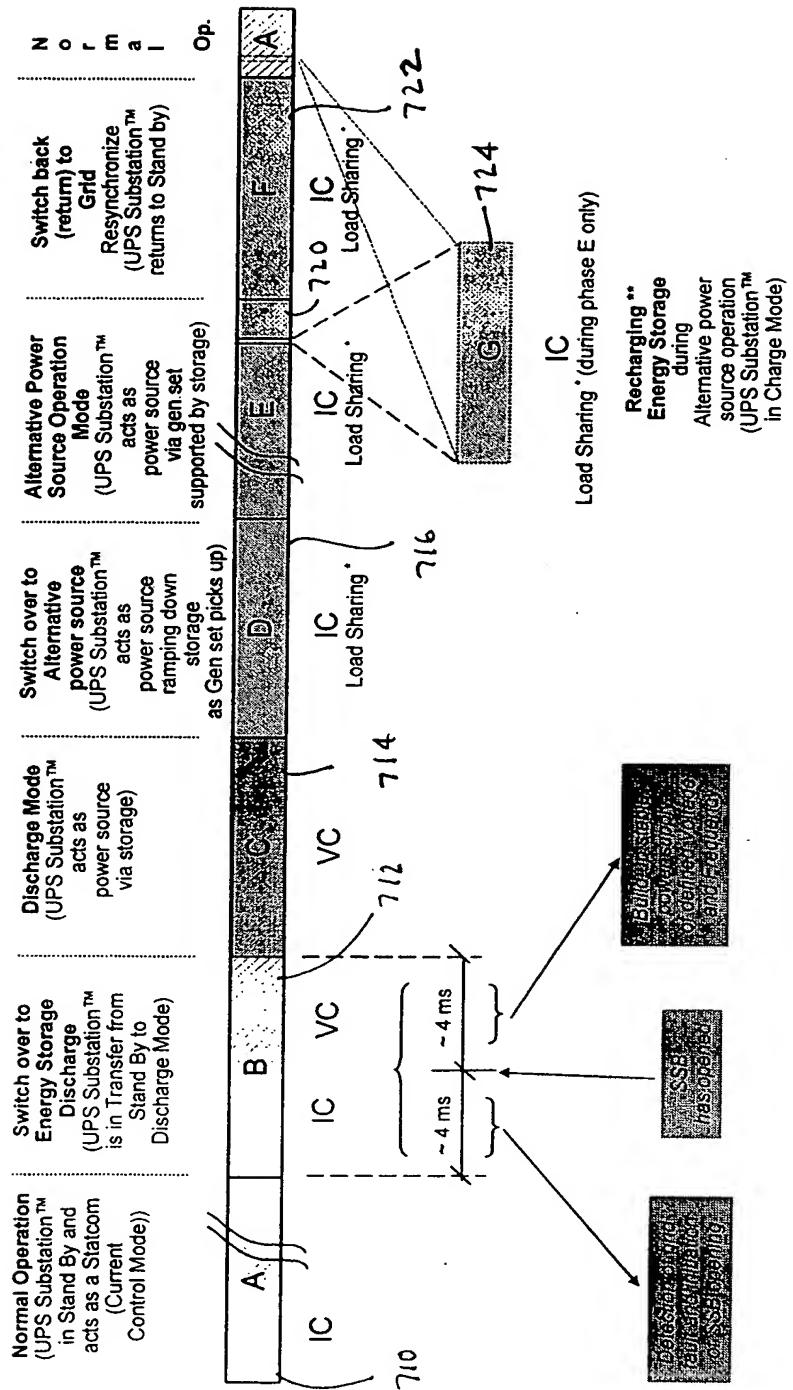


FIG. 88

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IC Current Control
VC Voltage Control

STATCOM
UPS

** both energy sources are active
recharging may also take place during other periods

F/6. 9A

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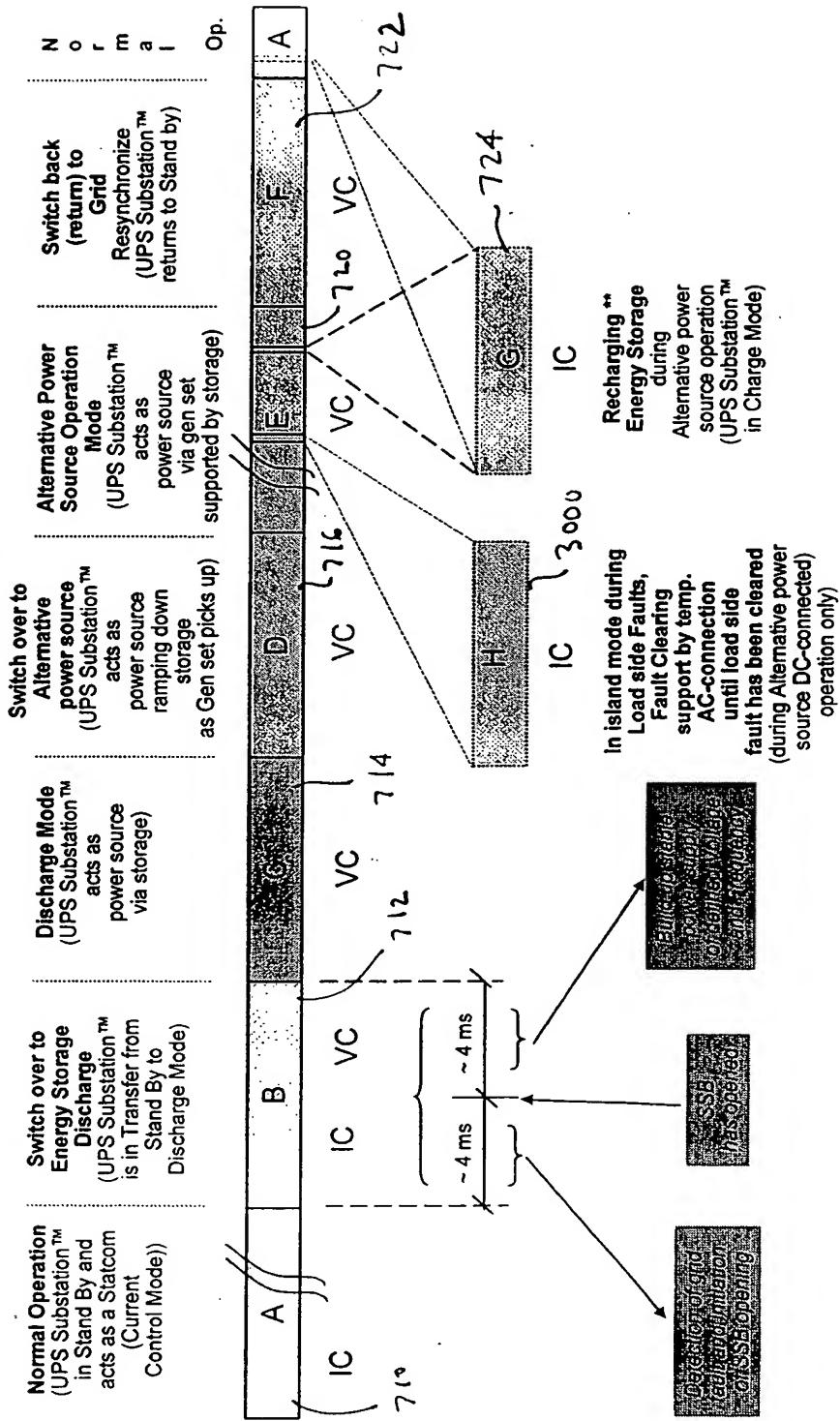


FIG. 9B

IC Current Control
VC Voltage Control

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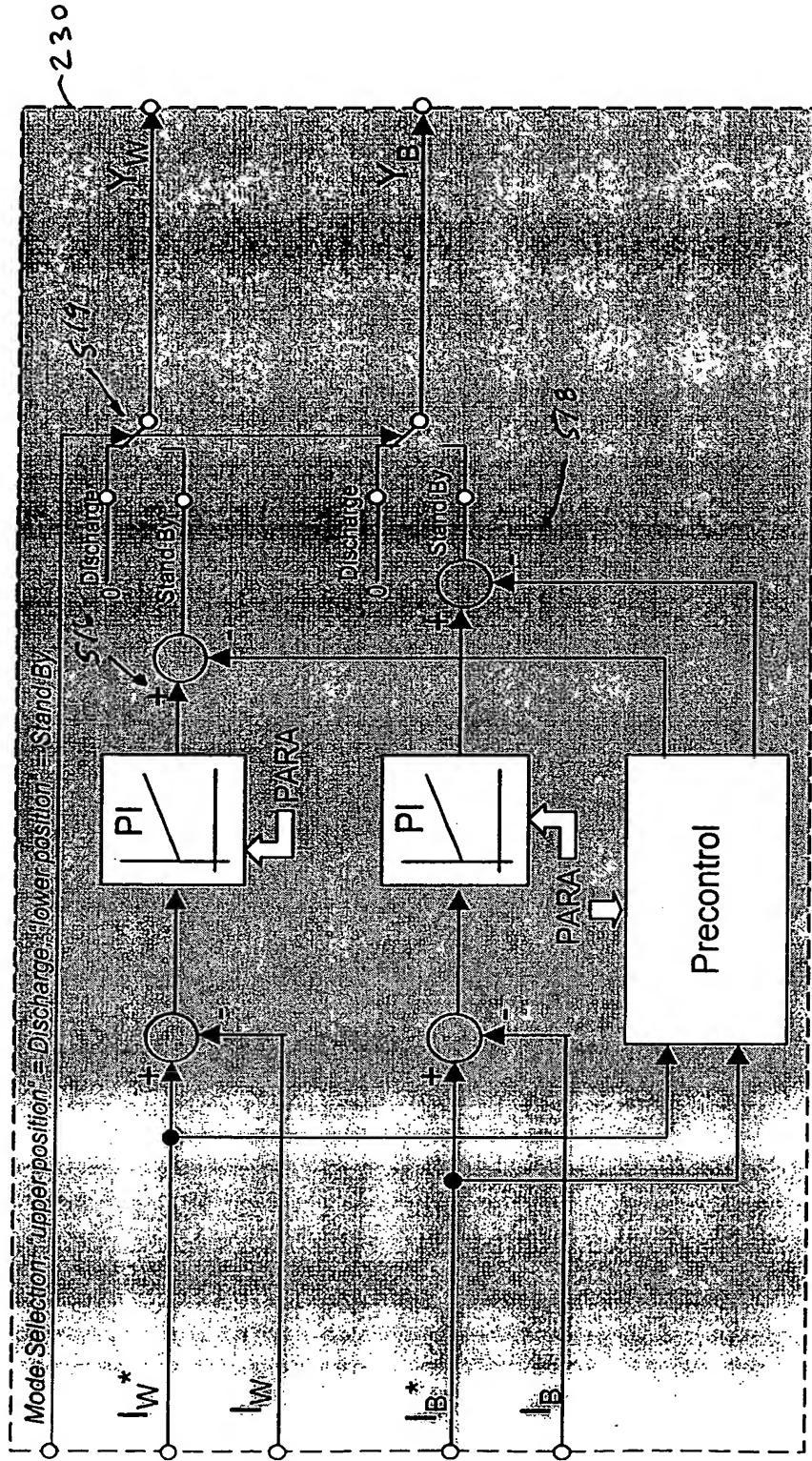


FIG. 10

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Mode Selection, "lower position" = Stand By / "upper position" = Discharge

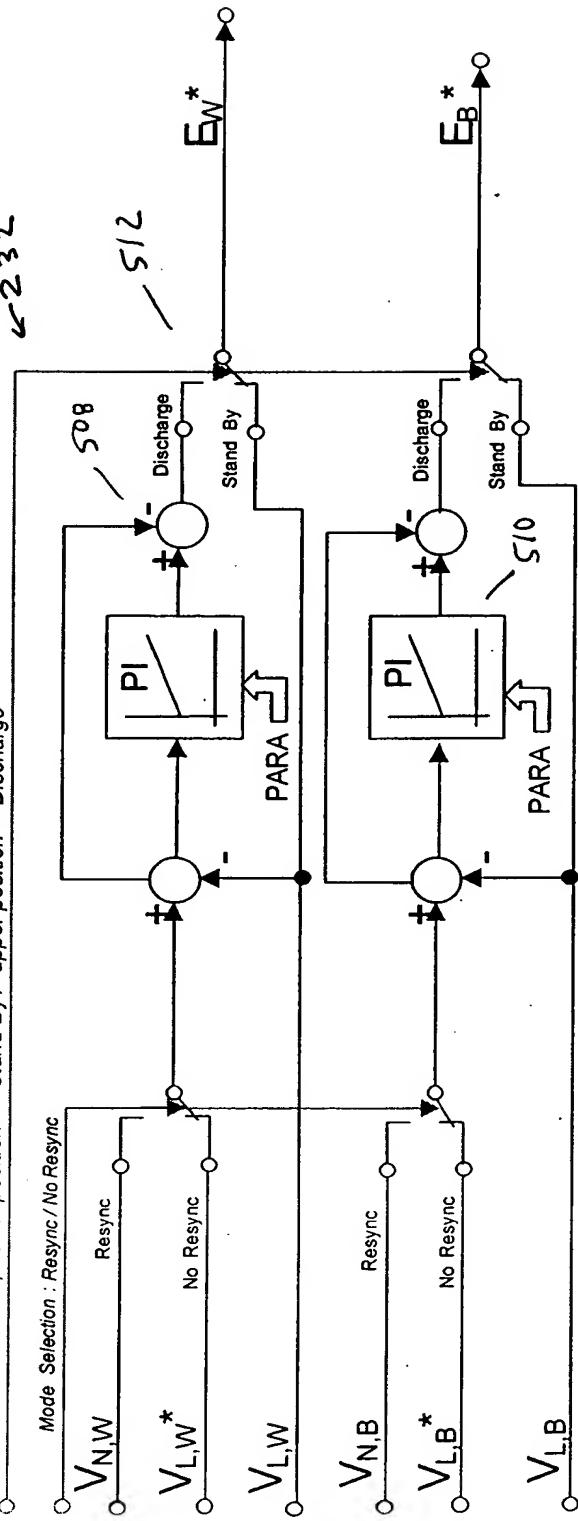
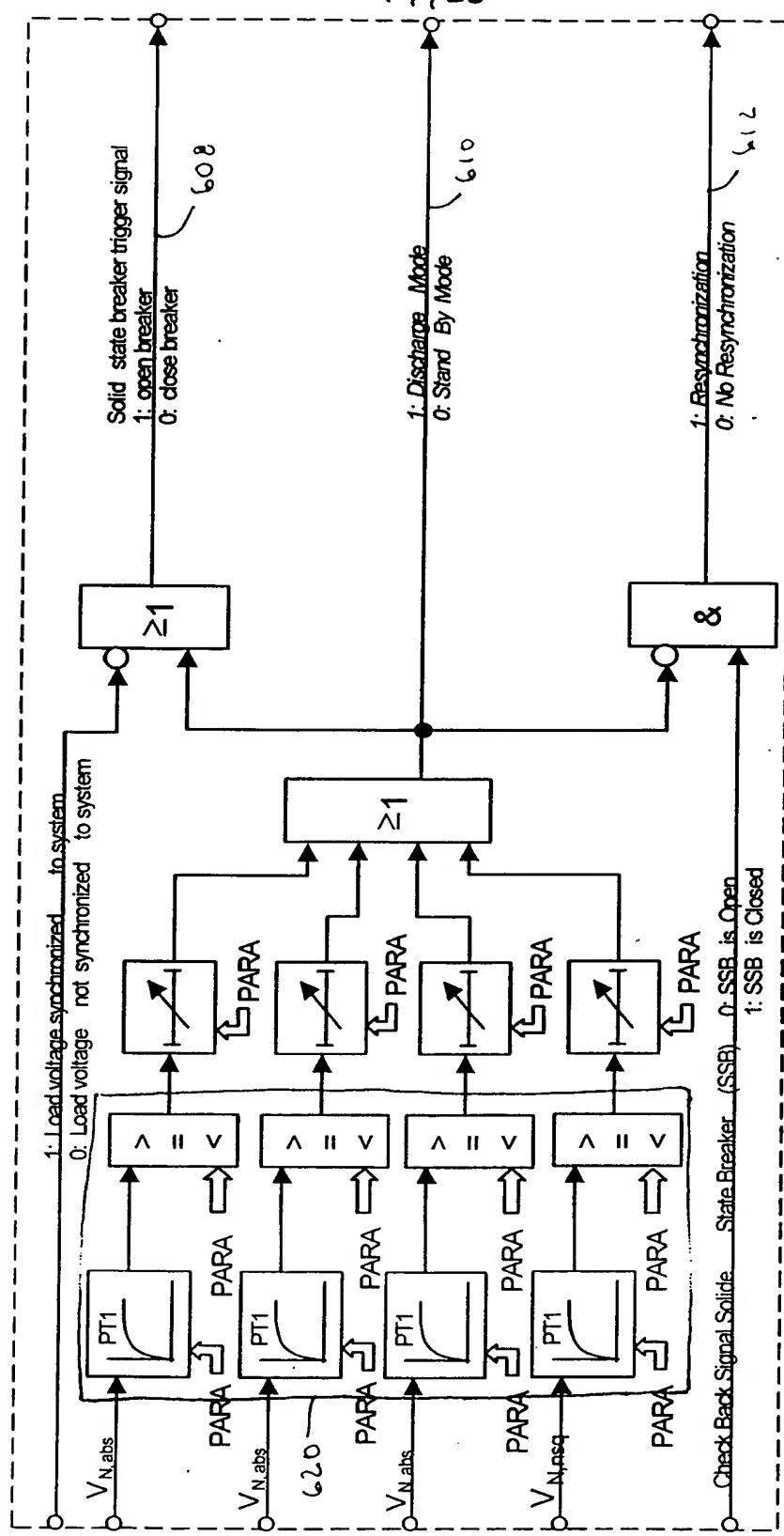


Fig. 11

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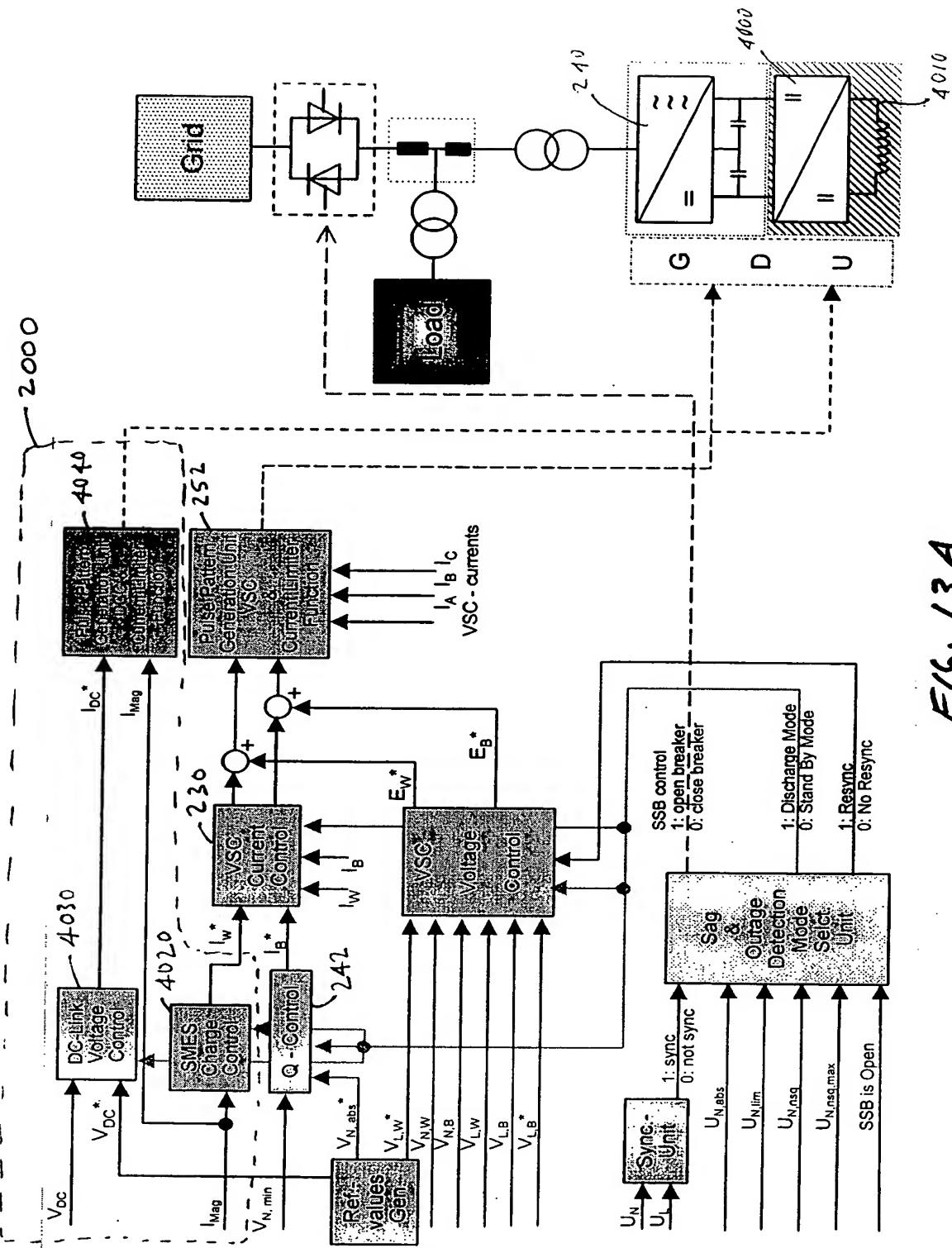
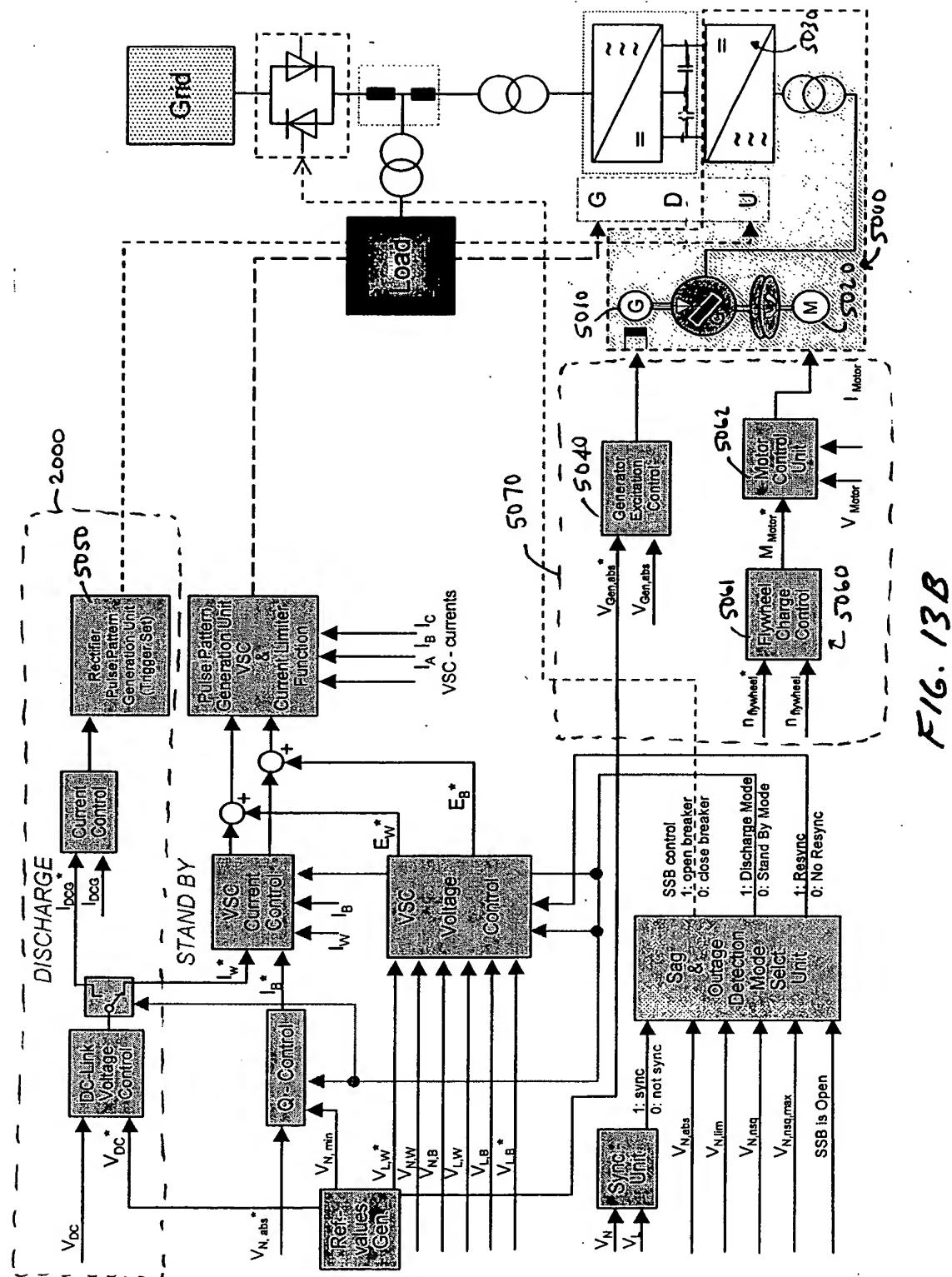


FIG. 13 A

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FIG. 14. A

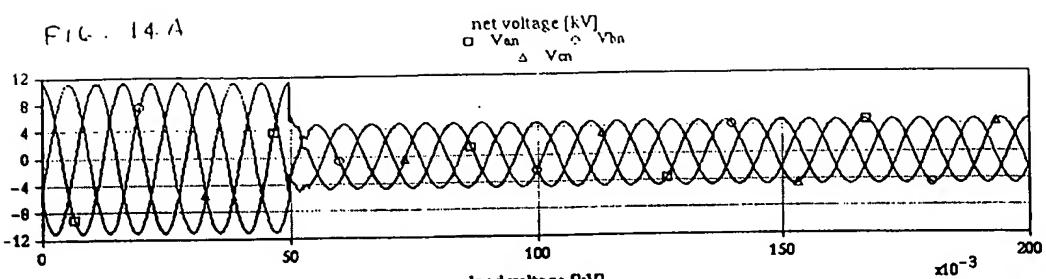


FIG. 14. B

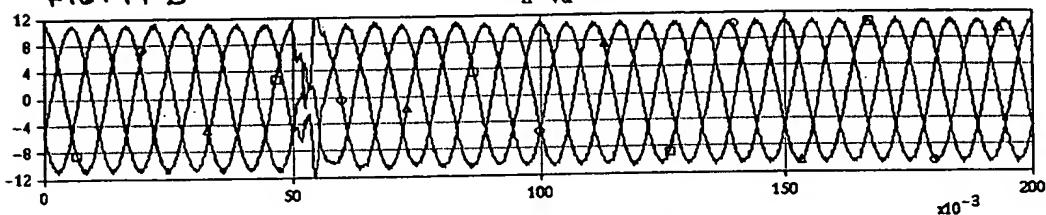


FIG. 14. C

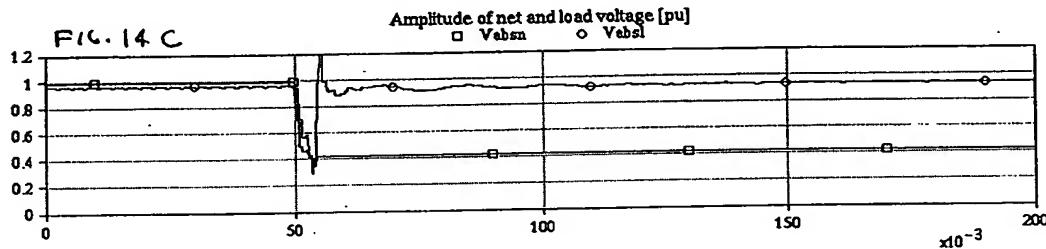


FIG. 14. D

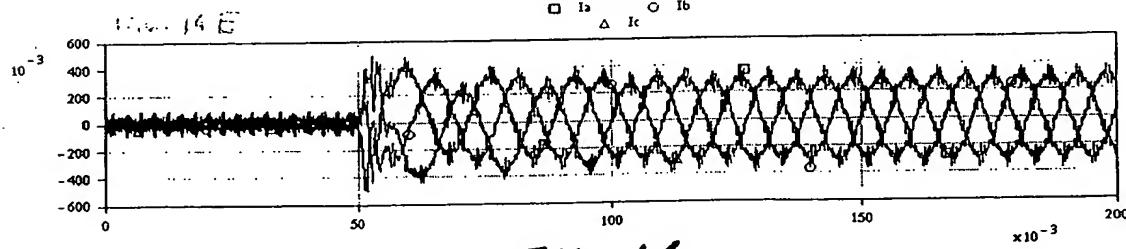
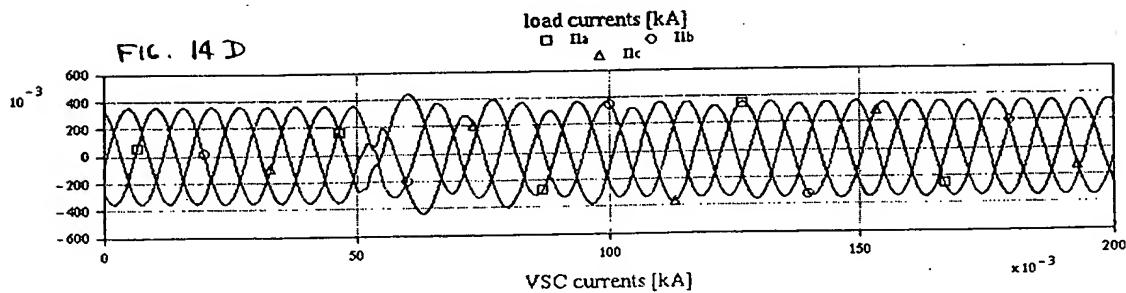


FIG. 14

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